PATENT   Atty Docket No.: 10006135-1
                                                 App. Ser. No.: 09/871,082

<u>IN THE CLAIMS</u>:

Please find below a listing of all of the pending claims. The statuses of the claims are set forth in parentheses.

1. (Currently Amended) A resource registration method comprising the steps of:

a) physically approaching an entity that has an associated tag;

b) reading the tag to obtain an identifier for the <u>entity</u> resource;

c) using the identifier to obtain an address for <u>a</u> the resource <u>associated with the</u> <u>entity, wherein the resource describes or controls the entity</u>; and

d) binding the address of the resource in a registry.

2. (Currently Amended) The resource registration method of claim 1 wherein the step of using the identifier to obtain an address for the resource includes the step of:

providing a resolver service; <u>and</u>

providing the resource identifier to the resolver service;

the resolver service for receiving the resource identifier and responsive thereto for providing an address for the resource; wherein the resolver service includes a table of resource identifiers and the corresponding resource address <u>addresses</u>.

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3. (Original) The resource registration method of claim 1 wherein the registry is a computational abstraction that can be browsed by users in the form of web pages; and wherein the registry can be queried automatically by other programs.

4. (Original) The resource registration method of claim 1 wherein the registry stores the address for each resource.

5. (Original) The resource registration method of claim 4 wherein the registry stores at least one attribute for each resource.

6. (Original) The resource registration method of claim 1 wherein the address for the resource is a URL.

7. (Original) The resource registration method of claim 1 wherein the registry describes entities and their associated resources available for use in one of a physical area, a location, and a place.

8. (Original) The resource registration method of claim 1 wherein the tag is one of a barcode tag and an RFID tag.

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9. (Original) The resource registration method of claim 1 further comprising the steps of:

   generating a web page for the registry.

10. (Original) A resource registration method comprising the steps of:

   a) physically approaching a resource that is connected to a network;

   b) sending an address of a registry to a target device;

   c) the target device having an address for receiving the address of the registry and responsive thereto for accessing the registry through the network by employing the address of the registry, and for binding the address of the target device to a web page of a physical location in the registry.

11. (Original) The resource registration method of claim 10 wherein the registry is a computational abstraction that can be browsed by users in the form of web pages; and wherein the registry can be queried automatically by other programs.

12. (Original) The resource registration method of claim 10 wherein the registry stores the address for each resource.

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13. (Original) The resource registration method of claim 12 wherein the registry stores at least one attribute for each resource.

14. (Original) The resource registration method of claim 10 wherein the address for the resource is a URL.

15. (Original) The resource registration method of claim 10 wherein the registry describes entities and their associated resources available for use in one of a physical area, a location, and a place.

16. (Currently Amended) A resource registration method comprising the steps of:

a) physically approaching an entity that has an associated beacon;

b) reading the beacon to obtain an address for the a resource associated with the entity, wherein the resource describes or controls the entity; and

c) binding the address of the resource in a registry.

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17. (Original) The resource registration method of claim 16 wherein the registry is a computational abstraction that can be browsed by users in the form of web pages; and wherein the registry can be queried automatically by other programs.

18. (Original) The resource registration method of claim 16 wherein the registry stores the address for each resource, and wherein the address for the resource is a URL.

19. (Original) The resource registration method of claim 18 wherein the registry stores at leas one attribute for each resource.

20. (Currently Amended) A registration system comprising:

a) a resource that needs to be registered, wherein the resource describes or controls an entity that has an associated tag, further wherein the associated tag provides an identifier for the entity, further wherein the entity is associated with a collection of entities;

a resolver service for providing a resource address for the resource, wherein the resolver service receives the identifier for the entity and provides the resource address, further wherein the resolver service includes a table of entity identifiers and corresponding resource addresses;

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b) a portable computing device for executing a physical registration program, that performs the resource registration; wherein the portable computing device includes a tag reader for reading the identifier for the entity, a communication interface for communicating with the resolver service, wherein the communication interface includes an interface for connecting to a computer network, further wherein the physical registration program includes a resolver interface facility for communicating with the resolver service, a registry interface facility, and a tag reader program for controlling the tag reader, further wherein the portable computing device can be used to physically approach the resource in order to register the resource; and

c) a registry for associating the resource address with addresses of the resources to at least one web page of physical locations, wherein the registry includes the resource address and one or more attributes of the resource, wherein the one or more attributes describe features, specifications or an ability of the resource, further wherein the registry can be browsed by users in the form of the at least one web page of physical locations, further wherein the registry can be queried automatically by other programs, and wherein the registry communicates with the physical registration program by the registry interface facility to bind the resource address in the registry.

21. (Currently Amended) A registration system for a resource, the registration system comprising:

means for reading a tag of an entity to obtain an identifier for the entity resource;

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means for using the identifier to obtain an address for a [[the]] resource; and

means for binding the address for the resource in a registry.

22. (Previously Presented) The registration system of claim 21, further comprising:

means for requesting information about the entity using the address.

23. (Previously Presented) The registration system of claim 22, further comprising:

means for receiving the information about the entity.

24. (Previously Presented) The registration system of claim 23, further comprising:

means for displaying the information about the entity.

25. (New) A registration system comprising:

a registry including a corresponding registry address, wherein the registry can be
browsed by users in the form of the at least one web page of physical locations, and further
wherein the registry can be queried automatically by other programs; and

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a portable computing device, wherein the portable computing device includes the

registry address that corresponds to the registry, further wherein the portable computing

device includes a first communication interface for sending the registry address to a resource,

wherein the resource is connected to a network, further wherein the resource describes or

controls an entity, further wherein the entity is associated with a collection of entities, further

wherein the resource includes a second communication interface and a receiver for receiving

the registry address from the portable computing device, further wherein the second

communication interface communicates with the registry through the network, and further

wherein the resource includes a physical registration program having a registry interface unit

for sending a resource address of the resource to the registry.

26. (New) The registration system of claim 25, wherein the registry interface unit is further

operable to register a URL with the registry.

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